

ATTESTATION CERTIFICATE

This document is intended to meet the requirements set forth in Military Rules of Evidence Rule 902(11), addressing certified records of regularly conducted activity.

I swear or affirm that each of the following is true regarding the attached records, to the best of my knowledge and belief:

1. I am the custodian of these records, or I am an employee familiar with the manner and process in which these records are created and maintained, by virtue of my duties and responsibilities;
2. The records were made at or near the time of the occurrences of the matters set forth by or from information transmitted by, people with knowledge of these matters;
3. The records were kept in the course of regularly conducted business activity;
4. It was the regular practice of the business activity to make the records; and
5. The records are a true, accurate, and complete copy of the original documents.

List of attached records:

DCGS-A_V3.1_P3_BAL_VDD_149015_Rev1_1_Oct_09.doc (14 pages)

--Nothing Follows--

Organization

SFAE-IEW-DCG - PM DCGS-A

Signature

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4/11/2012

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Subscribed and sworn to before a notary public, this 11th day of April, 2012.

Notary Public

Mindy K. Decker

My commission expires on:

MINDY K. DECKER
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/19/2013

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**Version Description Document (VDD)
For**

**Basic Analyst Laptop
(BAL)**

**Distributed Common Ground Systems – Army
Software Version 3.1 Patch 3
(DCGS-A V3.1 P3)**

1 October 2009



DCN: 149015, Rev 1

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Revision History

Revision	Date	Page(s)	Para.	Description of Change
Original	February 17, 2009	N/A	N/A	Initial release
1	October 1, 2009	N/A	N/A	Release of new Image with Re partition of Drives, with SQL, Data Base hardening and configuration changes

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1. Scope

1.1 Identification

This Version Description Document (VDD) describes software release V3.1 P3 being developed at the direction of the Project Manager DCGS-A for use in the DCGS-A V3.1 P3 Basic Analyst Laptops (BALs), which include Dell M90, M6300, and the Alienware (A51M). Two other Client platforms are the Dell M490 Workstation, T5400 Desktop. The BALs, Workstation and Desktop software version will be authorized to process up to Secret Collateral information and connect to the Secret Internet Protocol Router Network (SIPRNET) in accordance with AR 25-2 Information Assurance and Department of Defense (DoD) Instruction 8500.2 Information Assurance (IA) Implementation.

1.2 System Overview

The A51M, M90 and/or M6300 are high-end laptop computers with a 17" monitor capable of displaying high-resolution graphics. The Dell 490 Workstation and T5400 Desktop with the V3.1P3 SW is used within the DCGS-A fixed site baseline. Microsoft Windows XP Professional (Service Pack3) utilized as the operating system. The A51M, M90, M6300, Dell 490 and T5400 provide the Army a client workstation for use by DCGS-A analysts.

Note: The A51M, M90, M6300, Dell 490 and T5400 is classified because of a file change within the Query Tree Multi Functional Work Station (MFWS) Plug-In and the change to the high water marking.

1.3 Document Overview

This VDD documents the release tested and type-accredited with the DCGS-A V3.1 P3 Collateral components in the DCGS-A laboratory environment at Fort Monmouth, NJ, released to the Central Technical Support Facility (CTSF), Fort Hood, TX; and then released to operational users for site accreditation.

2. Referenced Documents

Field Service Engineer (FSE) Training Guide, Part # 3.1.03.1002.C, dated 1 October 2009 prepared by I2WD, Fort Monmouth NJ.

Note: All referenced documents are resident in the Software Engineering Center (SEC) Software Control and Reference Office (SCRO).

3. Version Description

3.1 Inventory of Materials Released

Software for the DCGS-A V3.1 P3 BAL is installed at the Software Integration Lab (SIL) onto the laptop's hard drive. Consequently, no media will be delivered with the DCGS-A V3.1 P3 BAL. All updates are provided through download from digital media.

25 Hard Drives and 3 DVDs containing software and documentation for DCGS-A Version 3.1 P3 is resident in the Software Engineering Center (SEC) Software Control and Reference Office (SCRO) reference on paragraph 3.2. BAL Media Listing.

3.2 BAL Media Listing

CM Control Number	SCRO CINCODE	Date of media	Destination	Created By	Contents	Media Type
DCGS0303	N/A	4-Nov-09	SEC IFS/ SCRO	SEC SCIF	DCGS-A V3.1P3 - M90 and/or M6300; Alienware (A51M); Dell 490 Workstation and T5400 Desktop Client image - Secret	1 HD
DCGS0318	N/A	1-Oct-09	SEC IFS/ SCRO	SEC SCIF	DCGS-A V3.1 P3 – APP1, APP2, IOP, MDC & BALs Image	1 set of 1 HD

3.3 Software Description

The following is a list of DCGS-A V3.1 P3 Client SW detailed software information:

NOTE: The Client SW listed can be loaded on the five platforms that include Dell M90, M6300, A51M, Dell M490 Workstation and the Dell T5400 Desktop. Once the SW is loaded onto the platform, the appropriate drives are loaded. The i2 Analysis Notebook (ANB) is loaded on the system without an active software license, if the user chooses to use ANB; the user will procure the license. The Axis Pro capabilities are in the DCGS-A MFWS V3.1.

BAL Software	Version	Vendor	Function/Component
Acrobat Reader 9	9.1.2	Adobe	PDF file reader
Adobe Flash Player Plug-in	10.0.32.18	Adobe	Adobe Flash is the authoring environment and Flash Player is the virtual machine used to run the Flash files
Adobe Flash Player 10 Active X	10.0.22.87	Adobe	Flash Player
Alert Services Client Runtime (ALTCLT)	4.53.5	Future Skies	Alert Service Application
ArcGIS Desktop	9.2.1500	ESRI	Geospatial data management and presentation
ArcMap	9.2	ESRI	Geospatial data management and presentation
ArcGIS Military Analyst (Military Analyst 9.2 SP2)	9.2.401	ESRI	Geospatial data management and presentation
ArcGIS Military Overlay Editor 9.2 (SP1)	9.2.0.430	ESRI	Geospatial data management and presentation
CECOM_MapShapes	1.00.0000	Overwatch	
Chart Scrapper	7.2.0.1	Novel Application	Data Movement tool

BAL Software	Version	Vendor	Function/Component
C2R	4.70.9	GOTS/PD CS	Address Book Services
C2R Planner	1.00.0000	GOTS/PD CS	Address Book Services
CMP	4.7.0.6	GOTS/PD CS	Common Message Processor
DB Importer	7.1.0	Novel App Inc.	DB Importer
DCGS-A Configuration Assistant	1.3.0 20090504	I2WD	Post clone assistant
DCGS-A MFWS V3.1	6.2.6.1077	Overwatch	Multi function Workstation DCGS-A APP Framework SDK; v 1.7.13
DCGS-A_V3.1_Full	6.2.0.1035	Overwatch	Multi function Workstation
DCGS-A Multimedia Plugin	1.0.0	BAH	Multi function Workstation
DCGS-A Web Folder Plugin	2.0.0	BAH	Multi function Workstation
DCI (DOS Client Interface)	5.1.5.0	Future Skies	
DCGS-A Weather IWEDA Client Tri-Service IWEDA -20061129	6.4.2.8	Army Research Lab	Weather effect decision aid
Digital Topographic Support Systems (DTSS) 9.0 6 Rendering Package	9.0	Northrop Grumman	To provide critical, timely, and accurate digital and hardcopy geospatial information
DIB Client Adapter	1.3	CSP Tech	Installer for the Viper DIB Client Adapter
GeoRover for ArcGIS	3.10.0000	SAIC	Geospatial software product extensions or "plugins" to ArcMap
GeoRover Coordinate Viewer Extension	1.0.2	SAIC	Geospatial
GeoRover Digital Data Tracker Extension	3.2.5	SAIC	Geospatial
GeoRover License Manager	1.1.0	SAIC	Geospatial
GeoRover Locus Track Extension	3.2.4	SAIC	Geospatial
GeoRover Zoom Tools Extension	3.2.4	SAIC	Geospatial
Ground Tactical Communication (GTCS)	4.7.0.9	GOTS/PD CS	Message Transport Protocol

BAL Software	Version	Vendor	Function/Component
Google Earth EC	4.2.205.5730	Google	Virtual globe, map and geographic information
Grid Extractor	1.2		
i2 Analyst Notebook 6	6.055.1022	i2	Link & Timeline Analysis tool w/ graphical representation
i2 Online Link 6	6	i2	i2 Online iLink is a feature of Analyst's Notebook 6 that optimizes online data research and analysis. It enables real-time access to online data providers.
i2 Chart Reader 6	6	i2	Charts Reader
i2 Chart Reader 7	7.0.7	i2	Charts Reader
i2 Image Files	6	i2	Image Editors
i2 Visual Notebook	6	i2	Visualization software, streamlines investigations
i2 Spelling Checker	6	i2	Image Editors
IIS URL Scan Tool	2.0		
IME Pass Client			
IME WWF Client			
JAVA™ 6 Update	1.6.0.60	Sun Micro	Program language compiler and environment
Live Update 3.2	3.2.0.68	Symantec	Software Update Tool
Microsoft .NET Framework 3.0 SP1	3.1.21022	Microsoft	Environment for building, deploying, and running web services and other applications
Microsoft .NET Framework 2.0 SP1	2.121022	Microsoft	Environment for building, deploying, and running web services and other applications
Microsoft .NET Framework 1.1	1.1.4322	Microsoft	Environment for building, deploying, and running web services and other applications
Microsoft Compressive Client 1.0 for Window XP	1.0	Microsoft	
Microsoft Office Professional Plus Edition 2007	12.0.6215.1000	Microsoft	Electronic office tools
Microsoft Office 2003 Web components	11.0.6558.0	Microsoft	Allows embedding and linking to documents
Microsoft Office XP Web components	10.0.6619.0	Microsoft	Allows embedding and linking to documents

BAL Software	Version	Vendor	Function/Component
Mozilla Firefox	3.0.5	Mozilla	Web Browser
MS SQL Server 2005	9.2.3042.00	Microsoft	Database
MS SQL Server 2005 Backward Compatibility	8.05.2004	Microsoft	Database
MS SQL Server 2005 Books On-Line (English)	9.00.1399.06	Microsoft	Database
MS SQL Server Native Client	9.00.3042.00	Microsoft	Database
MS SQL Server Setup Support Files	9.00.4035.00	Microsoft	Database
MS SQL Server VSS Writer	9.00.4035.00	Microsoft	Database
MS User Mode Driver Framework Feature Pack 1.0	1.0	Microsoft	Build #5716
MSXML 6.0 Parser	6.10.1129.0	Microsoft	Text parser
MSXML 4 SP2	4.20.9818.0	Microsoft	Text parser
MSXML 4 SP2	4.20.9870.0	Microsoft	Text parser
MSXML 4 SP2	4.20.9848.0	Microsoft	Text parser
02 Micro Smartcard Driver	2.26.0000	02 Micro Electronics, Inc.	
OZ776 SCR CardBus	1.1.4.2	02 Micro Electronics, Inc.	
Psi	.12	GNU	Collaboration Tool
Python	2.4.1	Open Source	Object Oriented programming language
QuickTime	7.64.17.73	Apple	Audio and video file player
Query Tree MFWS Plugin	1.3.8	I2WD	MFWS Plugin
Roxio Activation Module	1.0	Roxio	Digital Media Software
Roxio Creator Audio	3.5.0	Roxio	Digital Media Software

BAL Software	Version	Vendor	Function/Component
Roxio Creator Copy	3.5.0	Roxio	Digital Media Software
Roxio Creator Data	3.5.0	Roxio	Digital Media Software
Roxio Creator DE	3.5.0	Roxio	Digital Media Software
Roxio Creator Tools	3.5.0	Roxio	Digital Media Software
Roxio Drag-to-Disc	9.1	Roxio	Digital Media Software
Roxio Express Labeler 3	3.2.1	Roxio	Digital Media Software
Roxio Update Manager	6.0.0	Roxio	Digital Media Software
Shared Add-in Extensibility update for MS.Net Framework 2.0	1.0.0	Microsoft	
Shared Add-in Support Update for MS.Net Framework 2.0	1.0.0	Microsoft	
Sigma Tel Audio	5.10.5210.0	SigmaTel	Digital audio processing
Smart Link 56k Voice modem			Voice modem
Sonic Cine Player Decoder Pack	4.2.0	Sonic Solutions	
Symantec AntiVirus	10.1.8000.8	Symantec	Virus detection
SQLXML 4	9.00.4035.00	Microsoft	
Synaptics Pointing Device	7.13.2.0	Synaptics	Pointing device
Threat Mapper 1.1 for ArcGIS Desktop	1.1		
Windows Internet Explorer 7 - 20070813.185237	7.0.5730.13	Microsoft	Web Browser
Windows Media Player 11	11.0	Microsoft	Media Player CD, DVD, streaming audio & video
Windows Media Format 11 Runtime	11.0	Microsoft	Media Player
Windows XP SP3	2008.0414.03 1535	Microsoft	
WinZip	10.0 (6685)	Winzip Computing LP	File compression
Xalan – Endorsed	1.00.0000	Overwatch	XML processing package

3.4 Possible Problems and Known Errors

See ReadMe document for DCGS-A V3.1.0P3 Multi-Function Work Station (MFWS) and Interoperability (IOP) Server, dated 17 February 2009, I2WD SIL.

3.5 Adaptation data

Not applicable

3.6 Related Documents

3.6.1 Post Clone Procedures

Refer FSE Training Guide in Section 2, Referenced Documents

3.6.2 Installation Procedures

DCGS-A V3.1.0P3 Multi-Function Work Station (MFWS) and Interoperability (IOP) Server ReadMe.doc, dated 17 February 2009, I2WD SIL

DCGS-A V3.1P3, Update Image Restore ReadMe.doc, dated 1 October 2009, I2WD SIL

3.6.3 Technical Bulletins

TB-DCGS 09-10087 – re: Workstation vulnerabilities fixes, 17 February 2009

TB-DCGS 09-10097 – re: DISA Gold/POA&M data, 17 February 2009

NOTE: TB-DCGS 09-10087 and TB-DCGS 09-10097 were implemented in the software baseline delivered to CTSF on 17 February 2009, and are under Application 2 server.

The following **Technical Bulletins** applies to the V3.1P3 SW baseline after 17 February 2009 delivery to CTSF:

TB Number	Configuration Systems	Title/Topic	PM DCGS-A Approved
DCGS 09-10094	MDC	Undeployment of DIB brain Adapter and /or PW update to xpipeline account; also adds DIB and portal versioning	11-May-09
DCGS 09-10095	IOP	IOP office 2007	11-May-09
DCGS 09-10099	MSMQ service on BALs	Fixes problem sending USMTF and PASS messages from BAL in standalone mode. (4 March 2009)	14-May-09
DCGS 09-10100	APP1	Fixes APP1 homepage / baseline map problems (6 March 2009)	11-May-09
DCGS 09-10101	APP1	Fixes publishing Graphics to DIB problem (4 March 2009)	11-May-09
DCGS 09-10104	BAL	Adds Ft. Hood Maps to BAL (23 March 2009)	7-May-09
DCGS 09-10106	BAL	Fixes problem with SWB1 IWEDA Client (31 March 2009)	11-May-09
DCGS 09-10107A	BAL & IOP	QT plugin ver1.3.8.1 update - allows working with BOTH OIF and OEF data (09 April 2009)	12-May-09
DCGS 09-10108	MDC	Adds Ft. Huachuca Mini brain link to MDC portal (17 April 2009)	11-May-09
DCGS 09-10111	IOP	Fixes problem clearing the TED DB after a training event (20 April 2009)	7-May-09
DCGS 09-10112A	APP1, APP2, MDC, IOP, BAL	Configuration Assistant Update to v1.3.0 (5 May 09)	14-May-09
DCGS 09-10113	APP1	NAI fix for Firefox	11-May-09

TB Number	Configuration Systems	Title/Topic	PM DCGS-A Approved
DCGS 09-10115A	BAL	Fix for sending TED entities to Google Earth	18-May-09
DCGS 09-10116	BAL	Changing permission settings for DCGS-A User folder	7-May-09
DCGS 09-10120	MFWS	Allow the operator to enter a full non-western name in QuickForms and/or the Properties plugin without incorrectly mapping them to middle and last name fields	28-May-09
DCGS 09-10122	IOP, BAL	Applies to all v3.1 P3 DCGS-A DCGS IOP servers and BALs systems. It edits registry values to allow for the workflow between Google Earth and MFWS to be successful	3-Jun-09
DCGS 09-10123	BAL	Provides corrections to the DIB plug-in of the BAL MFWS. The TB corrects issues with the DIB usage found in the SIL Bug Tracker	15-Jun-09
DCGS 09-10126	IOP, BAL	Server Vulnerability Fixes. Hides DIB & Query Tree data drivers from the users display within Google Earth	3-Aug-09
DCGS 09-10128	APP2	Server Vulnerability Fixes. Users are unable to convert ANB7 charts to ANB6 charts	Not Approved
DCGS 09-10129		Python 2.4 win32 extensions install	3-Aug-09
DCGS 09-10131B	MSG, SDE	Server Vulnerability Fixes (LiSTA 0.7.5) for P3 & P5 systems (Red Hat 5 / 32 BIT)	21-Aug-09
DCGS 09-10132	BAL	Add mIRC chat to BAL baseline	24-Aug-09
DCGS 09-10133	BAL	Add correct ESRI Arc Desktop 9.2 License to Baseline for use of Tracking Analyst	2-Sep-09
DCGS 09-10134	BAL	Firefox Flash installation	2-Sep-09
DCGS 09-10137A	APP1	JBOSS windows service fix	10-Sep-09
DCGS 09-10147	APP1, APP2, MDC, IOP, BAL	Microsoft Windows Server / Workstation Vulnerability Fixes - SAT v1.2.1b	23-Sep-09
DCGS 09-10148	BAL, IOP	MFWS Merge Relationships, Deleted Entity Manager Updates	9-Oct-09
DCGS 09-10149A	MDC	JBOSS windows service fix (startDIBoss.cmd / wrapper.dll)	27-Oct-09
DCGS 09-10152	BAL, IOP	Removal of duplicate IIS Web folders from C:\DCGS directory	16-Oct-09
DCGS 09-10153	BAL, IOP	Issues Discovered in OIF and OEF_17 Feb 09 Image	23-Oct-09
DCGS 09-10155	MSG, SDE	Server Vulnerability Fixes - LiSTA v0.7.7 (RHEL5 / 32 BIT) i386	27-Oct-09
DCGS 09-10157	APP1, APP2, IOP, MDC, BAL	Microsoft Windows Server / Workstation Vulnerability Fixes - SAT v1.2.1	3-Nov-09
DCGS 09-10159	BAL, IOP	Issues discovered in OIF and OEF (OW_P7) This TB supersedes TB 10153	6-Nov-09

3.6.4 *Overwatch MFWS Release 6.2*

DCGS-A V3.1, MFWS release 6.2, Document number: 102168, dated 15 January 2009, Overwatch
Textron Systems

3.7 COTS Software Sites

- **3D analyst (ArcGlobe)**
 - <http://www.esri.com/software/arcgis/extensions/3danalyst/index.html>
- **Acrobat Reader**
 - <http://www.adobe.com>
 - <http://www.esri.com>
- **Analyst Notebook**
 - <http://www.i2.co.uk>
- **Java**
 - <http://java.sun.com/>
- **Microsoft**
 - <http://www.microsoft.com/>
- **Netscape**
 - <http://www.netscape.com/>
- **Roxio**
 - <http://roxio.com>
- **Symantec**
 - <http://www.symantec.com/index.htm>
- **Winzip**
 - <http://www.winzip.com/>
- **WS_FTP**
 - <http://www.ipswitch.com/>

3.8 Hardware Description

The following is a list of DCGS-A V3.1 P3 BALs hardware information:

Component	Description
Alienware Laptop - Model A51M	3.8 GHz, 2GB RAM memory, 17" display with high resolution graphics.
Dell Laptop - Model M90	2.33 GHz Intel Dual Processor Core, 3.25GB RAM memory, 93.1 GB hard drive, with NVIDIA graphics card, DCD-RW Optical Drive, Network Interface Card and a 17 inch display with high resolution graphics.
Laptop - Model Dell M6300	2.5 GHz Intel Core 2 Duo T9300, 4GB DDR2-667 SDRAM (2 DIMM), NVIDIA Quadro FX3600M 512 MB, 160 GB 7200RPM Hard Drive, Std Touchpad, 8x DVD+/- & Roxio Creator , and a 17" wide screen WUXGA LCD.
Dell Precision 490 Workstation	1st Processor: Intel XEON DUAL CORE Processor 3.00GHZ, 2MB L2 Cache; 2nd Processor: Intel XEON DUAL CORE Processor 2.80GHZ, 2MB L2 Cache; 4GB, DDR2 ECC SDRAM Memory, 400MHZ; NVIDIA FX 4500 512MB 2 DUI OR GA 1st Hard Drive: 80GB Serial ATA 7200RPM Hard Drive w/Databurst Cache, Non-Raid, Precision 470/670; 2nd Hard Drive: 80GB Serial ATA 7200RPM Hard Drive with

Component	Description
	Databurst Cache Raid; Floppy Drive: 3.5, 1.44MB; 48X/32X CD-RW/DVD Combo.
Dell Precision T5400 Desk Top	1st Processor: Quad Core Xeon Proc X5450, 3.00GHz, 2X 6MB L2 Cache,1333MHz; 2nd Processor: Quad Core Xeon Proc X5450, 3.00GHz, 2X6MB L2 Cache,1333MHz, 4GB, DDR2 ECC SDRAM Memory 667MHz, 4X1GB; NVIDIA Quadro FX3700 512MB dual DVI Graphics Card; 160GB SATA, 10K RPM Hard Drive with 16MB DataBurst Cache; CD-ROM or DVD-ROM Drive: 16X DVD+/-RW.